



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Anthony Mazany, et al.

Examiner: P. Marcantoni

Serial No: 10/777,885

Group Art Unit: 1755

Filed: 02/12/2004

Date: 10/20/2004

For: **INORGANIC MATRIX COMPOSITIONS, COMPOSITES
INCORPORATING THE MATRIX AND PROCESS OF MAKING THE
SAME**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

The PTO did not receive the following
listed item(s) *Check #110.09*

**TERMINAL DISCLAIMER TO OBVIATE A PROVISIONAL DOUBLE PATENTING
REJECTION OVER PRIOR PATENT APPLICATIONS**

Sir:

The owner, Goodrich Corporation, of 100 percent interest in the instant application, as evidenced by a copy of the Assignment attached hereto (Exhibit A), hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. §154 to 156 and §173, as shortened by any terminal disclaimer filed prior to the grant of any patent granted on its commonly owned and allowed U.S. Patent Applications bearing serial numbers 09/871,765 and 09/871,998, both filed June 1, 2001, of which the Petitioner is the owner of a 100 percent interest therein as evidenced by a copy of each of the assignments therefore, which are attached hereto (Exhibits B and C). The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patents granted on Serial Nos. 09/871,765 and 09/871,998 filed June 1, 2001 are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patents granted on the instant application that would

extend to the expiration date of the full statutory term as defined in 35 U.S.C. §154 to 156 and §173 of any patents granted on said Serial Nos. 09/871,765 and 09/871,998, as shortened by any terminal disclaimer filed prior to the patent grants, in the event that any of the granted patents: later expire for failure to pay a maintenance fee, are held unenforceable, are found invalid by a court of competent jurisdiction, are statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, have all claims cancelled by a reexamination certificate, are reissued, or are in any manner terminated prior to the expiration of their full statutory term as shortened by any terminal disclaimer filed prior to their grant.

For submissions on behalf of the Goodrich Corporation, the undersigned (whose title is supplied below) is empowered to act on behalf of the Goodrich Corporation.

I hereby declare that I have reviewed appropriate evidentiary documents and certify that, to the best of my knowledge and belief, title to the instant application and to said commonly owned U.S. Patent Application Serial Nos. 09/871,765 and 09/871,998 is in the Goodrich Corporation.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

The statutory fee of \$110.00 is being paid by the enclosed check.

GOODRICH CORPORATION

Date: Oct. 29, 2004

David Ronyak
David Ronyak, Assistant Secretary

Attorney Docket No.: GOODR-A-CIP (200EP006B)

EXHIBIT A

**U.S. Continuation-in-Part Patent Application 10/777,885, filed 02/12/2004
A CIP of allowed U.S. Patent Application 09/871,765 filed 06/01/2001 and
A CIP of allowed U.S. Patent Application 09/871,998, filed 06/01/2001**

Assignment –

Recordation Date: 06/02/2004

Reel/Frame: 014684/0134

Assignee: Goodrich Corporation, Charlotte, North Carolina



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



700088726A

JUNE 04, 2004

PTAS

HUDAK SHUNK & FARINE CO., LPA
DANIEL J. HUDAK
2020 FRONT STREET, SUITE 307
CUYAHOGA FALLS, OH 44221

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/02/2004

REEL/FRAME: 014684/0134

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MAZANY, ANTHONY M.

DOC DATE: 05/26/2004

ASSIGNOR:

ROBINSON, JOHN W.

DOC DATE: 05/26/2004

ASSIGNOR:

CARTWRIGHT, CRAIG L.

DOC DATE: 05/26/2004

ASSIGNEE:

GOODRICH CORPORATION
2730 WEST TYVOLA ROAD
4 COLISEUM CENTRE
CHARLOTTE, NORTH CAROLINA 28217

014684/0134 PAGE 2

SERIAL NUMBER: 10777885

FILING DATE: 02/12/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: INORGANIC MATRIX COMPOSITIONS, COMPOSITES INCORPORATING THE MATRIX,
AND PROCESS OF MAKING THE SAME

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06/02/2004
700088726

Form PTO-1595
(Rev. 8-93)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-0011(exp. 4/94)

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Anthony M. Mazany, John W. Robinson and Craig L. Cartwright

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: May 26, 2004

2. Name and address of receiving party(ies)

Name: GOODRICH CORPORATION

Street Address: 4 Coliseum Centre
2730 West Tyvola Road

City: Charlotte State: North Carolina

ZIP: 28217

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s):

10/777,885

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Hudak Shunk & Farine Co., LPA

Internal Address: Daniel J. Hudak

Street Address: 2020 Front Street, Suite 307

City: Cuyahoga Falls State: OH ZIP: 44221

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account.

8. Deposit account number:

08-3150 (for insufficient fees only)

(Attach duplicate copy of this page if paying by deposit account)

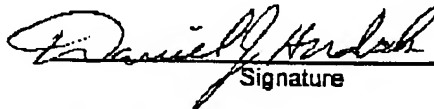
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Daniel J. Hudak

Name of Person Signing



Signature

JUNE 2, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 4 Atty Docket: GOODR-A-CIP

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

CH \$40.00 063150 10777885

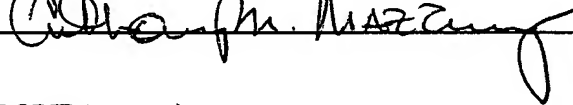
ASSIGNMENT

WHEREAS, WE, ANTHONY M. MAZANY, JOHN W. ROBINSON, and CRAIG L. CARTWRIGHT, have made a certain invention described in an application for letters patent, Application No. 10/777,885 filed February 12, 2004, executed by us, respectively, entitled

INORGANIC MATRIX COMPOSITIONS, COMPOSITES INCORPORATING THE MATRIX, AND PROCESS OF MAKING THE SAME

NOW, for good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, we hereby sell, assign and transfer unto **GOODRICH CORPORATION**, a New York corporation, having its principal office located at 4 Coliseum Centre, 2730 West Tyvola Road, Charlotte, North Carolina 28217, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention and application and any letters patent of the United States which may be issued thereon, together with all reissues or reexaminations of said letters patent, all divisions and continuations of said application, and all application and patent rights for said invention in foreign countries; and we agree to execute all further papers and do all further acts appropriate to fully vest in said **GOODRICH CORPORATION** the rights herein conveyed.

Inventor Anthony M. Mazany

SIGN HERE 


State of FLORIDA)
County of Nassau) SS

Before me appeared Anthony M. Mazany, personally known to me, and acknowledged that he executed the foregoing instrument as his own free act and deed this 26 day of May, 2004.

SEAL



Rebecca M. Anderson
MY COMMISSION # DD038790 EXPIRES
July 4, 2005
BONDED THRU TROY FAIR INSURANCE, INC.


Notary Public

ASSIGNMENT

WHEREAS, WE, ANTHONY M. MAZANY, JOHN W. ROBINSON, and CRAIG L. CARTWRIGHT, have made a certain invention described in an application for letters patent, Application No. 10/777,885 filed February 12, 2004, executed by us, respectively, entitled

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Inventor John W. Robinson

SIGN HERE ☒ *John W. Robinson*

State of FLORIDA)
County of Nassau) SS

Before me appeared John W. Robinson, personally known to me, and acknowledged that he executed the foregoing instrument as his own free act and deed this 26 day of May, 2004.

SEAL



Rebecca M. Anderson
MY COMMISSION # DD038790 EXPIRES
July 4, 2005
BONDED THRU TROY FAIR INSURANCE, INC.

Rebecca M. Anderson
Notary Public

ASSIGNMENT

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Inventor Craig L. Cartwright

SIGN HERE *Craig L. Cartwright*

State of FLORIDA)
County of Duval) SS

Before me appeared Craig L. Cartwright, personally known to me, and acknowledged that he executed the foregoing instrument as his own free act and deed this 26 day of May, 2004.

SEAL



Rebecca M. Anderson
MY COMMISSION # DD038790 EXPIRES
July 4, 2005
BONDED THRU TROY FAIR INSURANCE, INC.

Rebecca M. Anderson
Notary Public

EXHIBIT B

U.S. Patent Application 09/871,765, filed 06/01/2001

Assignment –

Recordation Date: 09/06/2001

Reel/Frame: 012139/0103

Assignee: Goodrich Corporation, Brecksville, Ohio



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 08, 2001

PTAS



101838429A

BROUSE MCDOWELL
GEORGE W. MOXON II
INTELLECTUAL PROPERTY GROUP
500 FIRST NATIONAL TOWER
AKRON, OHIO 44308-1471

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RECORDATION DATE: 09/06/2001

REEL/FRAME: 012139/0103
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
MAZANY, ANTHONY M.

DOC DATE: 06/21/2001

ASSIGNOR:
CARTWRIGHT, CRAIG L.

DOC DATE: 07/13/2001

ASSIGNOR:
ROBINSON, JOHN W.

DOC DATE: 07/13/2001

ASSIGNEE:
GOODRICH CORPORATION
9921 BRECKSVILLE ROAD
A CORPORATION OF OHIO
BRECKSVILLE, OHIO 44141-3201

SERIAL NUMBER: 09871765
PATENT NUMBER:

FILING DATE: 06/01/2001
ISSUE DATE:

012139/0103 PAGE 2

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

09-11-2001



U.S. Department of Commerce
Patent and Trademark Office
PATENT

9-6-01

101838429

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- ☒ New
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Document ID#
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Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**
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- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

- ☒ Mark if additional names of conveying parties attached
- Execution Date
Month Day Year
- Name (line 1) 06 21 2001
- Name (line 2)

Second Party

- Name (line 1) Execution Date
Month Day Year
- Name (line 2) 07 13 2001

Receiving Party

- ☐ Mark if additional names of receiving parties attached

- Name (line 1)
- Name (line 2)
- Address (line 1)
- Address (line 2)
- Address (line 3)
- City State/Country Zip Code
- ☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

- Name
- Address (line 1)
- Address (line 2)
- Address (line 3)
- Address (line 4)

09/10/2001 DBYRNE 00000324 09871765

01 FC:381

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Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

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Application Number(s) or Patent Number(s)

☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Enclosed ☒

Deposit Account ☐

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

☒

No

☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1) Robinson, John W.

07 13 2001

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

For: ☒ U.S. and/or ☒ Foreign Rights
 For: ☐ U.S. Application or
 ☐ U.S. Provisional Application
 For: ☐ U.S. Patent
 For: ☐ PCT Application
 By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

WHEREAS, I, Anthony M. Mazany, residing at 477 Malvern Road, Akron, Ohio 44303, have made a certain invention described in an application for letters patent, entitled

INORGANIC MATRIX COMPOSITIONS, COMPOSITES AND PROCESS OF MAKING THE SAME

- ☒ For which an application for a United States Patent was filed on June 1, 2001
 Application Number 09/871,765.
- ☐ For which an application for a United States Patent was executed on _____,

NOW, for good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign and transfer unto Goodrich Corporation, having its principal office located at 9921 Brecksville Road, Brecksville, Ohio 44141-3201, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention and application and any letters patent of the United States which may be issued thereon, together with all reissues or reexaminations of said letters patent, all divisions and continuations of said application, and all application and patent rights for said invention in foreign countries; and I agree to execute all further papers and do all further acts appropriate to fully vest in said Goodrich Corporation the rights herein conveyed.

SIGN HERE

Inventor

Anthony M. Mazany
 Anthony M. Mazany

Date

State of Ohio)

) SS

County of Cuyahoga)

Before me personally appeared the person above named, to me personally known, and acknowledged that he executed the foregoing instrument as his own free act and deed this 21st day of

June, 2001.

Cynthia L. Kemery
 Notary Public

SEAL

CYNTHIA L. KEMERY Notary Public
 Residence - Lorain County
 State Wide Jurisdiction, Ohio
 My Commission Expires February 13, 2002

For: ☒ U.S. and/or ☒ Foreign Rights
 For: ☐ U.S. Application or
 ☐ U.S. Provisional Application
 For: ☐ U.S. Patent
 For: ☐ PCT Application
 By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

WHEREAS, I, Craig L. Cartwright, residing at 4403 Chasewood Drive, Jacksonville, Florida 32226, have made a certain invention described in an application for letters patent, entitled

INORGANIC MATRIX COMPOSITIONS, COMPOSITES AND PROCESS OF MAKING THE SAME

☒ For which an application for a United States Patent was filed on June 1, 2001
 Application Number 09/871,765.

☐ For which an application for a United States Patent was executed on _____.

NOW, for good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign and transfer unto Goodrich Corporation, having its principal office located at 9921 Brecksville Road, Brecksville, Ohio 44141-3201, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention and application and any letters patent of the United States which may be issued thereon, together with all reissues or reexaminations of said letters patent, all divisions and continuations of said application, and all application and patent rights for said invention in foreign countries; and I agree to execute all further papers and do all further acts appropriate to fully vest in said Goodrich Corporation the rights herein conveyed.

SIGN HERE

Inventor

Craig L. Cartwright
 Craig L. Cartwright

State of Florida

)

) SS

County of Duval

Before me personally appeared the person above named, to me personally known, and
 acknowledged that he executed the foregoing instrument as his own free act and deed this 13 day of

July, 2001.

Rebecca M. Anderson
 Notary Public

SEAL



Rebecca M. Anderson
 MY COMMISSION # DD038790 EXPIRES
 July 4, 2005
 BONDED THRU TROY FAIN INSURANCE, INC.

For: ☒ U.S. and/or ☒ Foreign Rights
 For: ☐ U.S. Application or
 ☐ U.S. Provisional Application
 For: ☐ U.S. Patent
 For: ☐ PCT Application
 By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

WHEREAS, I, John W. Robinson, residing at 1325 Forrest Drive, Fernandina Beach, Florida 32034, have made a certain invention described in an application for letters patent, entitled

INORGANIC MATRIX COMPOSITIONS, COMPOSITES AND PROCESS OF MAKING THE SAME

☒ For which an application for a United States Patent was filed on June 1, 2001,
 Application Number 09/871,765.

☐ For which an application for a United States Patent was executed on _____,

NOW, for good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign and transfer unto Goodrich Corporation, having its principal office located at 9921 Brecksville Road, Brecksville, Ohio 44141-3201, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention and application and any letters patent of the United States which may be issued thereon, together with all reissues or reexaminations of said letters patent, all divisions and continuations of said application, and all application and patent rights for said invention in foreign countries; and I agree to execute all further papers and do all further acts appropriate to fully vest in said Goodrich Corporation the rights herein conveyed.

SIGN HERE

- Inventor

John W. Robinson
 John W. Robinson

State of Florida)

County of Duval) SS

Before me personally appeared the person above named, to me personally known, and
 acknowledged that he executed the foregoing instrument as his own free act and deed this 13 day of

July, 2001.

Rebecca M. Anderson
 Notary Public

SEAL



Rebecca M. Anderson
 MY COMMISSION # DD038790 EXPIRES
 July 4, 2005
 BONDED THRU TROY FAIR INSURANCE, INC.

EXHIBIT C

U.S. Patent Application 09/871,998, filed 06/01/2001

Assignment –

Recordation Date: 08/10/2001

Reel/Frame: 012068/0175

Assignee: Goodrich Corporation, Brecksville, Ohio



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 17, 2001

PTAS

GEORGE W. MOXON, II
500 FIRST NATIONAL TOWER
AKRON, OH 44308-1471



101814267A

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

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RECORDATION DATE: 08/10/2001

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NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MAZANY, ANTHONY M.

DOC DATE: 07/13/2001

ASSIGNOR:

ROBINSON, JOHN W.

DOC DATE: 07/13/2001

ASSIGNOR:

CARTWRIGHT, CRAIG L.

DOC DATE: 07/13/2001

ASSIGNEE:

GOODRICH CORPORATION
9921 BRECKSVILLE ROAD
BRECKSVILLE, OHIO 44141

SERIAL NUMBER: 09871998
PATENT NUMBER:

FILING DATE: 06/01/2001
ISSUE DATE:

012068/0175 PAGE 2

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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U.S. Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 Anthony M. Mazany 477 Malvern Rd. Akron, OH 44303
 John W. Robinson
 1325 Forrest Drive Fernandina Beach, FL 32034
 Craig L. Cartwright
 4403 Chasewood Drive Jacksonville, FL 32226
 Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: July 13, 2001

2. Name and address of receiving party(ies)

Name: Goodrich Corporation

Internal Address: 8-10-01

Street Address: 9921 Brecksville Road

City: Brecksville State: Ohio Zip: 44141

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 09/871,998

B. Patent No.(s)

Additional numbers attached? Yes ☐ No ☒

5. Name and address of party to whom correspondence concerning documents should be mailed:

Name: George W. Moxon II

Internal Address: Brouse McDowell

Street Address: 500 First National Tower

City: Akron State: Ohio Zip: 44308-1471

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

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(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

George W. Moxon II
Name of Person Signing

Signature

8/8/01
Date

Total number of pages including coversheet, attachments, and documents: 4

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For: ☐ U.S. Patent
For: ☐ PCT Application
By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

WHEREAS, I, John W. Robinson, residing at 1325 Forrest Drive, Fernandina Beach, Florida 32034, have made a certain invention described in an application for letters patent, entitled

**INORGANIC MATRIX COMPOSITIONS AND COMPOSITES
INCORPORATING THE MATRIX COMPOSITION**

- ☒ For which an application for a United States Patent was filed on June 1, 2001
Application Number 09/871,998.
- ☐ For which an application for a United States Patent was executed on _____

NOW, for good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign and transfer unto Goodrich Corporation, having its principal office located at 9921 Brecksville Road, Brecksville, Ohio 44141-3201, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention and application and any letters patent of the United States which may be issued thereon, together with all reissues or reexaminations of said letters patent, all divisions and continuations of said application, and all application and patent rights for said invention in foreign countries; and I agree to execute all further papers and do all further acts appropriate to fully vest in said Goodrich Corporation the rights herein conveyed.

SIGN HERE

Inventor

John W. Robinson
John W. Robinson

State of Florida)

County of Duval)

SS

Before me personally appeared the person above named, to me personally known, and acknowledged that he executed the foregoing instrument as his own free act and deed this 13 day of

July, 2001.

Rebecca M. Anderson
Notary Public

SEAL



Rebecca M. Anderson
MY COMMISSION # DD038790 EXPIRES
July 4, 2005
BONDED THRU TROY PAIN INSURANCE, INC.

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☐ U.S. Application or
 ☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

WHEREAS, I, Craig L. Cartwright, residing at 4403 Chasewood Drive, Jacksonville, Florida 32226, have made a certain invention described in an application for letters patent, entitled

**INORGANIC MATRIX COMPOSITIONS AND COMPOSITES
INCORPORATING THE MATRIX COMPOSITION**

- ☒ For which an application for a United States Patent was filed on June 1, 2001
Application Number 09/871,998.
- ☐ For which an application for a United States Patent was executed on _____.

NOW, for good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign and transfer unto Goodrich Corporation, having its principal office located at 9921 Brecksville Road, Brecksville, Ohio 44141-3201, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention and application and any letters patent of the United States which may be issued thereon, together with all reissues or reexaminations of said letters patent, all divisions and continuations of said application, and all application and patent rights for said invention in foreign countries; and I agree to execute all further papers and do all further acts appropriate to fully vest in said Goodrich Corporation the rights herein conveyed.

SIGN HERE

- Inventor

Craig L. Cartwright
Craig L. Cartwright

State of Florida)

County of Duval)

SS

Before me personally appeared the person above named, to me personally known, and acknowledged that he executed the foregoing instrument as his own free act and deed this 13 day of

July, 2001.

Rebecca M. Anderson
Notary Public

SEAL



Rebecca M. Anderson
MY COMMISSION # DD038790 EXPIRES
July 4, 2005
BONDED THRU TROY FAIR INSURANCE, INC.